

- (a) rolling a section of the metal strip in a first step
- (b) recalling the metal strip by a length which is selected to be shorter than the circumference of the rollers and
- (c) rolling the metal strip at least once again in a subsequent step within the section of the strip which has been rolled in the preceding step, and
- (d) rolling a subsequent section of the metal strip by performing steps (a) to (c) in said subsequent section, the profile extending over the full width of the metal strip and having a metal-strip thickness varying over the length of the metal strip, whereby said metal strip is divided into a series of sections, each of which is rolled at least twice before a subsequent section is rolled.

3. (Twice Amended) The method as defined in Claim 1, characterised in that the length of the recalled sections length of the metal strip (16) is selected to be maximally equal to half the circumference of the rollers (11, 12).

Cancel claims 11 and 12.

Amend Claims 23, 24, 26 and 36 as follows:

23. (Twice Amended) The method as defined in Claim 20, characterised in that the length (L2) of the reducing step is greater than the lineal length (L1) of the next following profiling step.

24. (Twice Amended) The method as defined in Claim 20, characterised in that the metal strip (16) is recalled, following the reducing step, by a lineal length smaller than the lineal length (L2) of the reducing step and greater than the lineal length (L1) of the next following profiling step in the same section of the metal strip (16).

26. (Amended) The method as defined in Claim 25, characterised in that prior to rolling a profile, the metal strip (16) is first equalised in the roll gap (13) between the same rollers (11, 12) in steps of a lineal length (L2) not smaller than the lineal length (L1) of the first profiling step, with moderate reduction in thickness, is then recalled by a step equal to at least the lineal length (L1) of the first profiling step and maximally equal to the second lineal length (L2), whereafter the profile is rolled into the recalled section of the metal strip (16), and that the rollers (12) for equalising the metal strip (16)